



NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER

**PHOTOGRAPHIC
INTERPRETATION
REPORT**

**WATER PIPELINE UNDER CONSTRUCTION
CIENFUEGOS AREA
CUBA**

SECRET

**NPIC/R-71/70
DECEMBER 1970**

WARNING

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WATER PIPELINE UNDER CONSTRUCTION
CIENFUEGOS AREA, CUBA

25X1D

1. A water pipeline under construction extending west from a probable intake point on the Hanabanilla River (Figure 1) 19 nautical miles (nm) to Cienfuegos, Cuba, was nearing completion in early [REDACTED]. The pipeline will serve a new ammonium nitrate fertilizer plant that was also nearing completion on the northwest edge of the city (Figure 2).

2. The water source is the Hanabanilla Reservoir, 20 nm east of Cienfuegos, which is connected by an underground aqueduct to Hanabanilla River where the probable water intake facility is located. The pipeline extends west from the intake facility to the Cienfuegos Water Treatment Plant [REDACTED] and terminates at the Cienfuegos fertilizer plant. The pipeline between the water intake point and the treatment plant was complete except for two stream crossings. Pipe laying was still underway west of the treatment plant toward Cienfuegos (Figure 3).

3. A similar water pipeline extends from the same water intake facility northeast to Santa Clara. This line also passes through a water treatment plant (Santa Clara Waterworks, [REDACTED]) before terminating at a small reservoir 2 nm southeast of Santa Clara.

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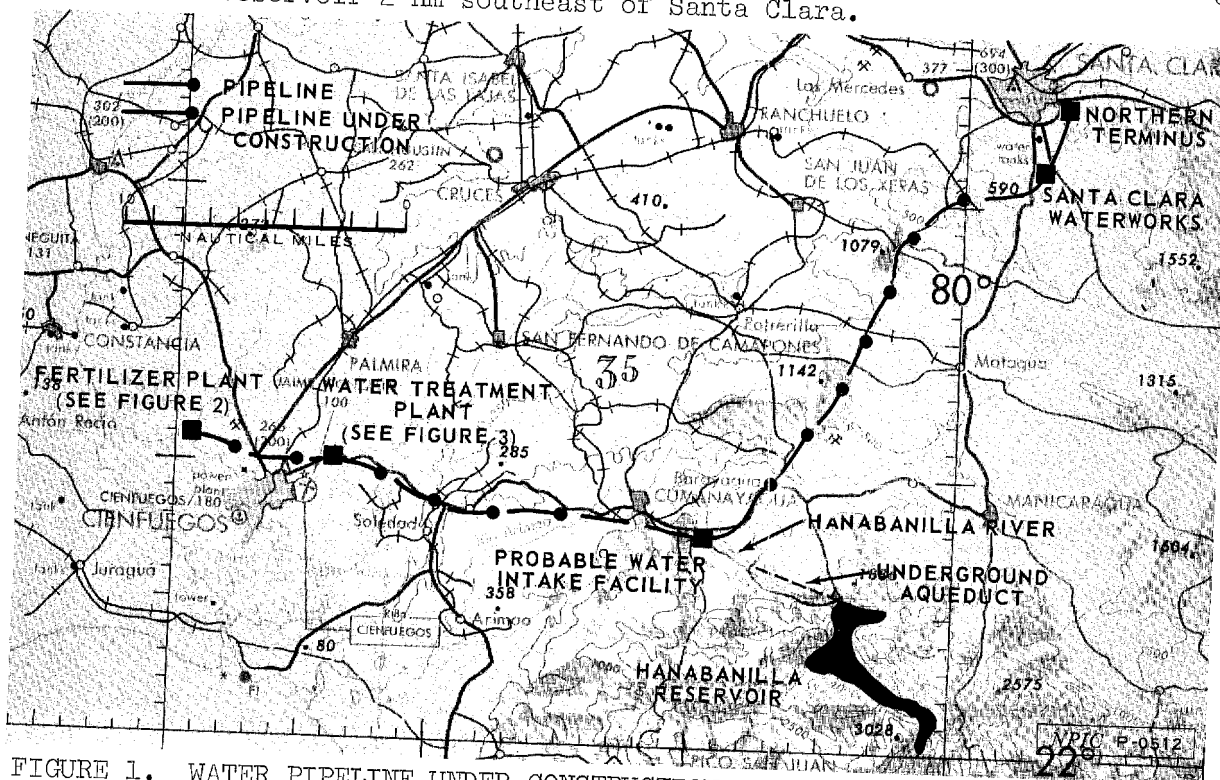


FIGURE 1. WATER PIPELINE UNDER CONSTRUCTION, CIENFUEGOS AREA, CUBA

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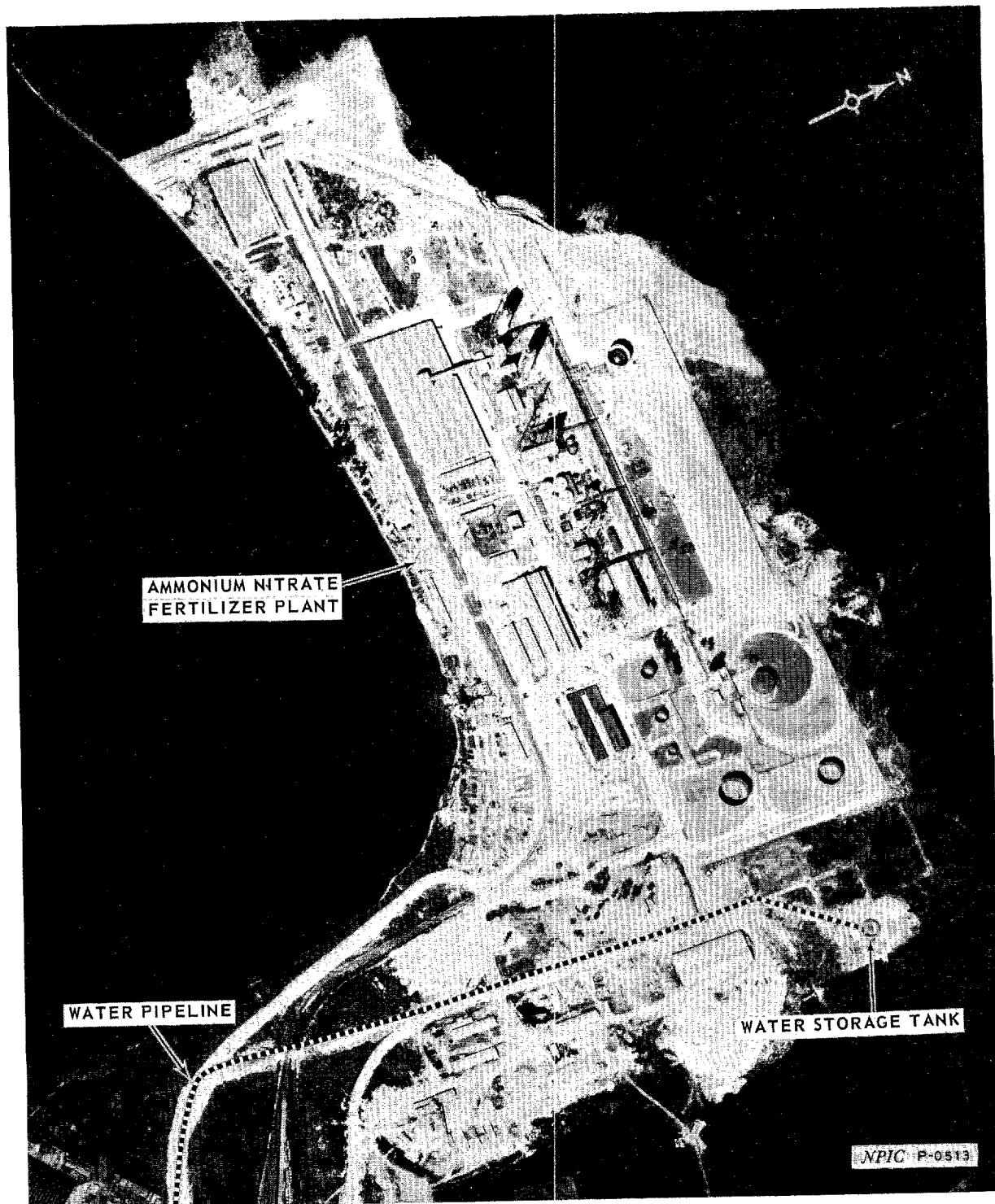
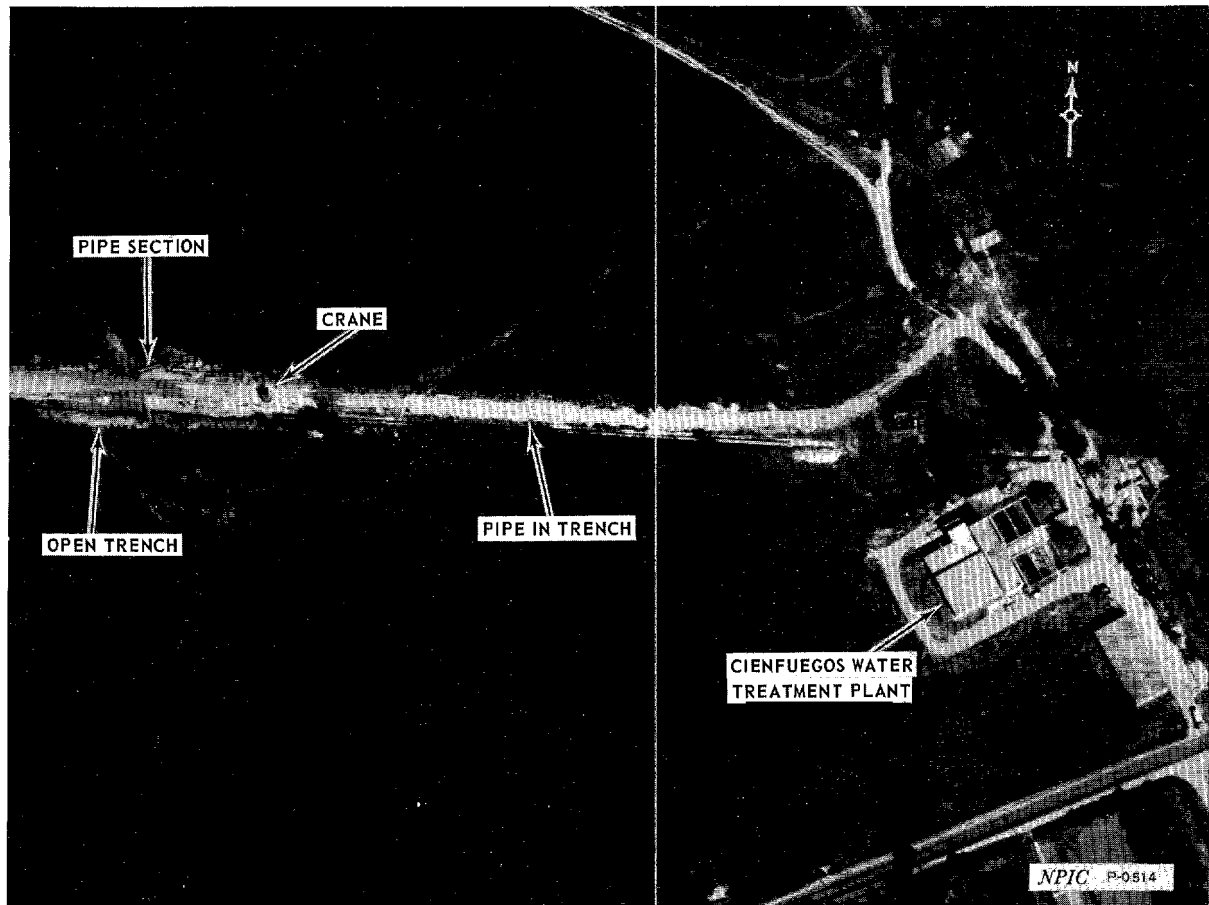


FIGURE 2. WATER PIPELINE TO FERTILIZER PLANT

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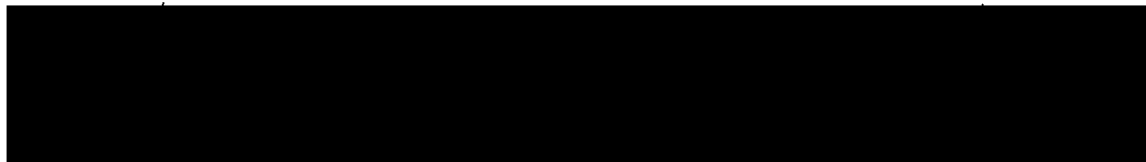
FIGURE 3. PIPELINE BEING LAID, [REDACTED]

REFERENCES

25X1D

IMAGERY

25X1D



MAPS OR CHARTS

ACIC. Havana, PC-J-26A, scale 1:500,000 (UNCLASSIFIED)

REQUIREMENT

USN, NAVINTCOM-43 (unnumbered)
NPIC/IEG/WGD/MEAFAB Project 250942

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